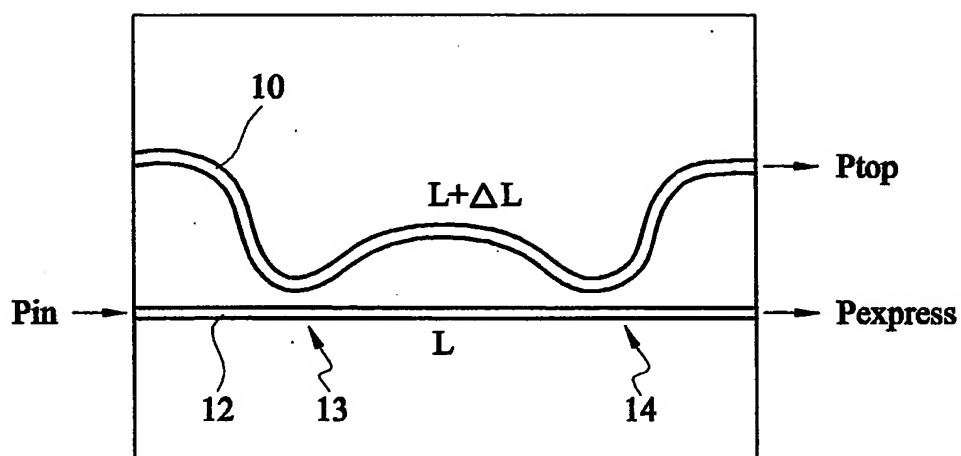
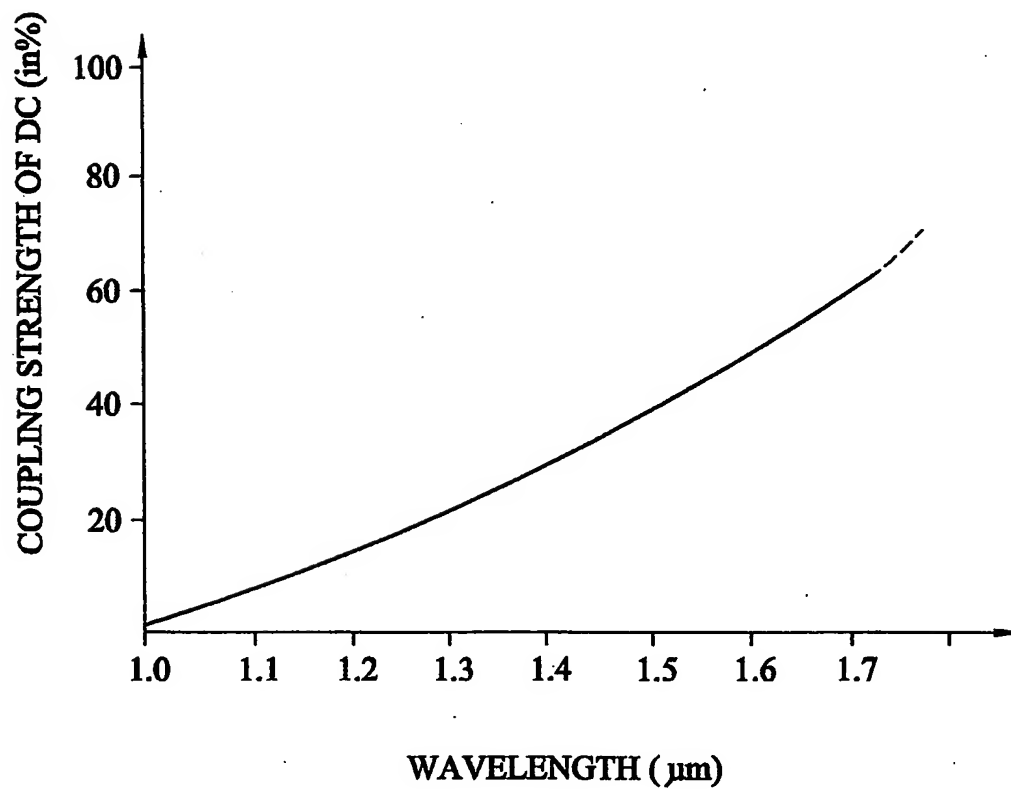
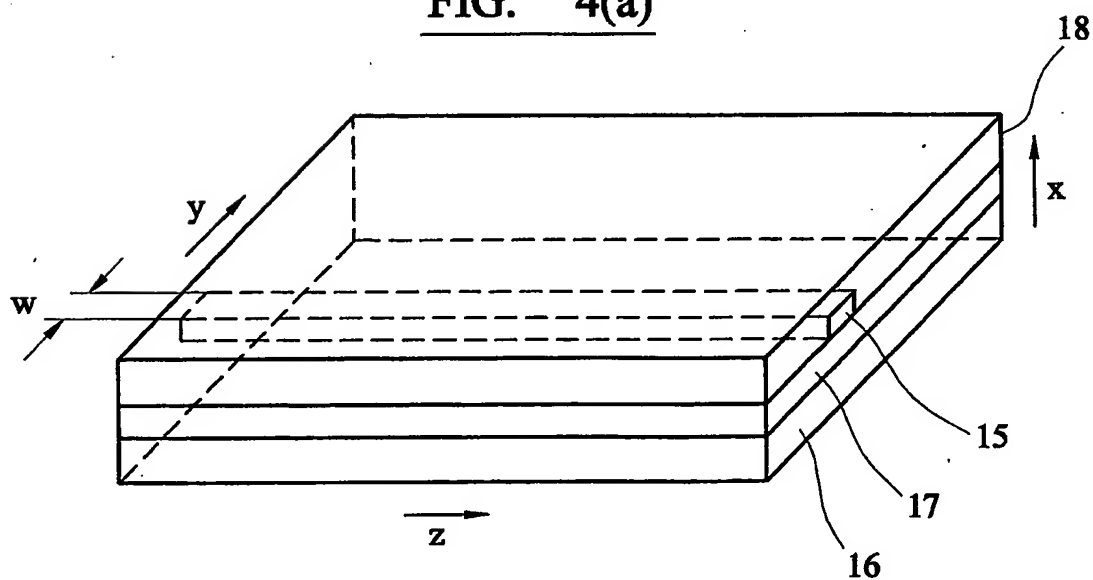
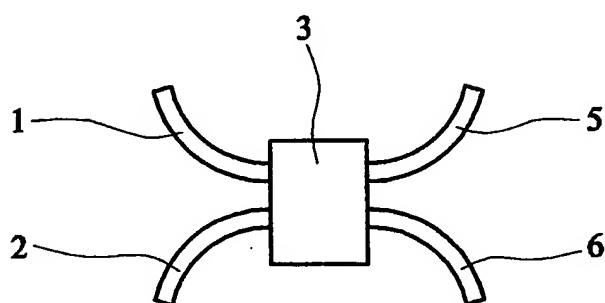
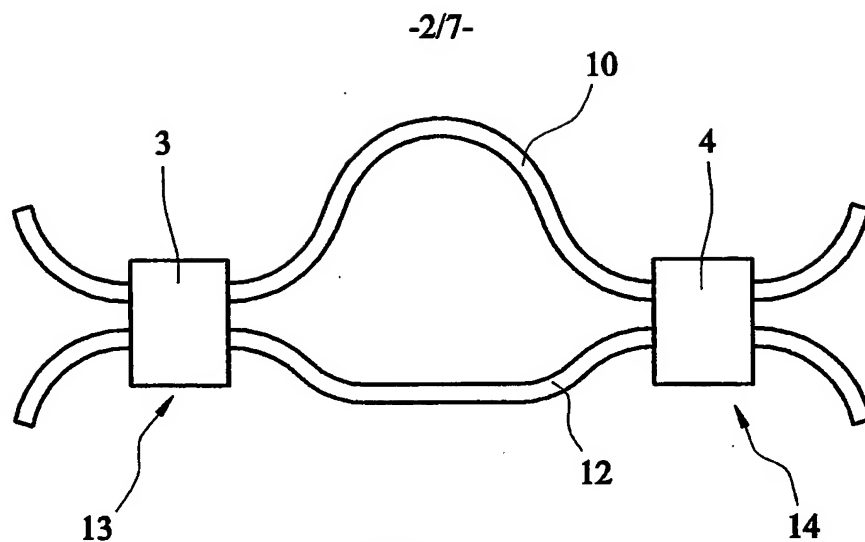
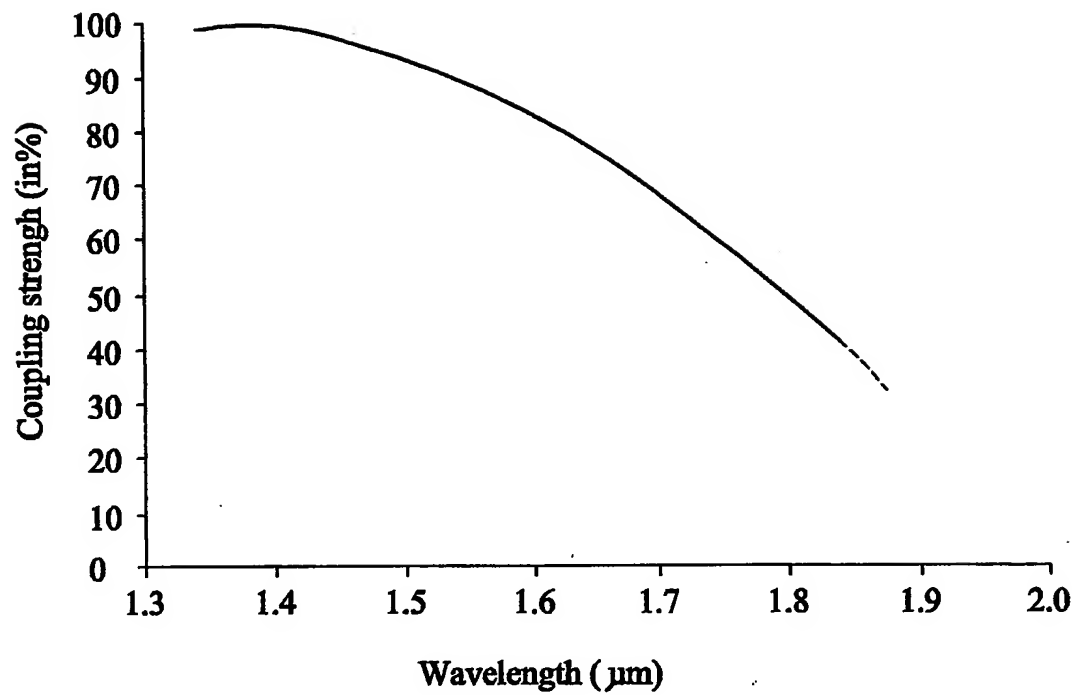
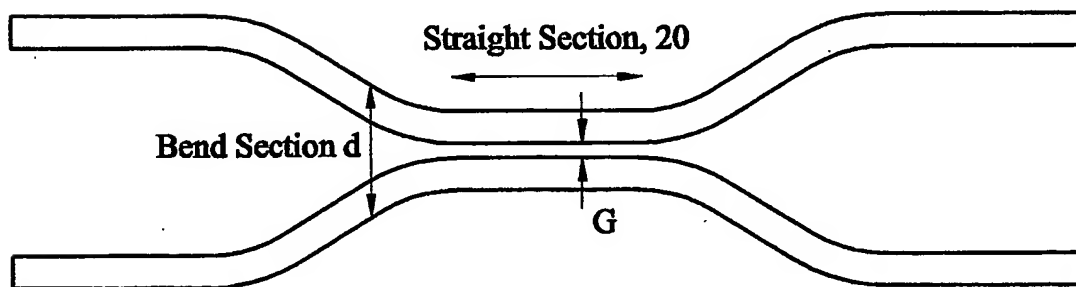


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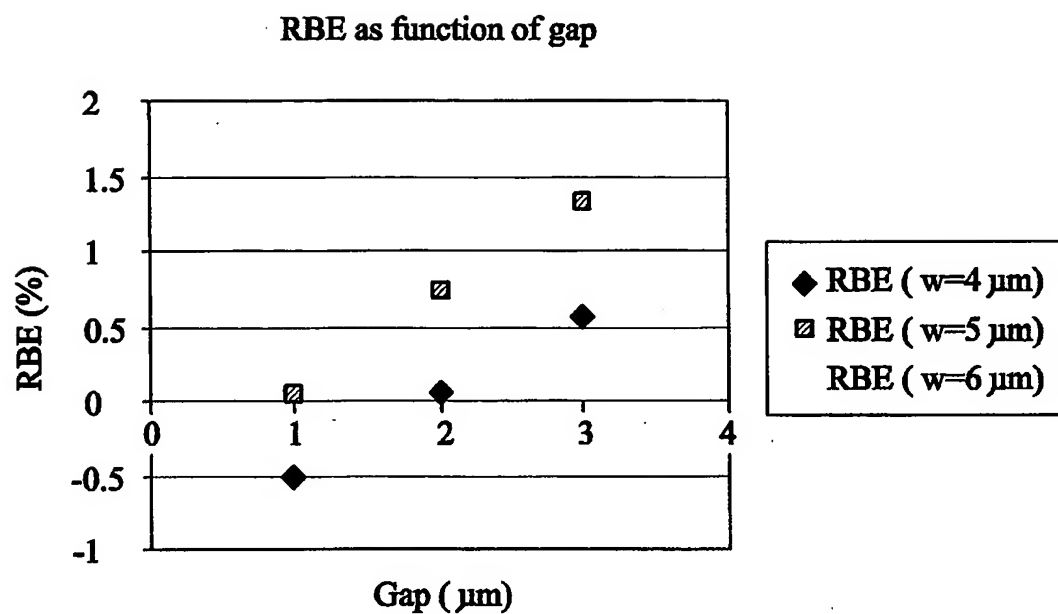
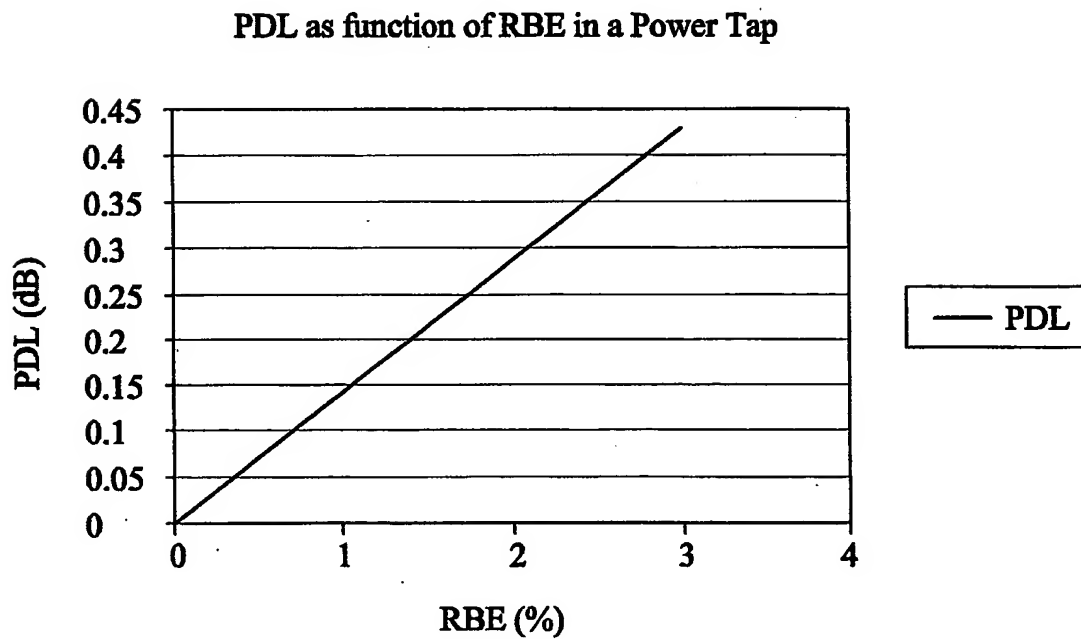
FIG. 1FIG. 2



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FIG. 5FIG. 6

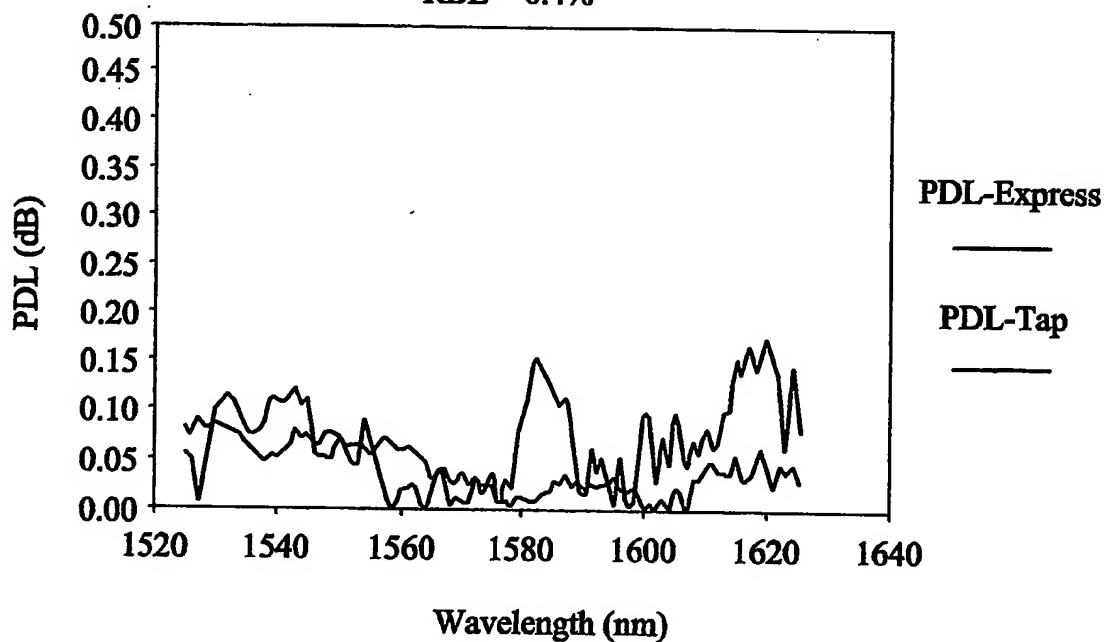
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FIG. 7FIG. 8

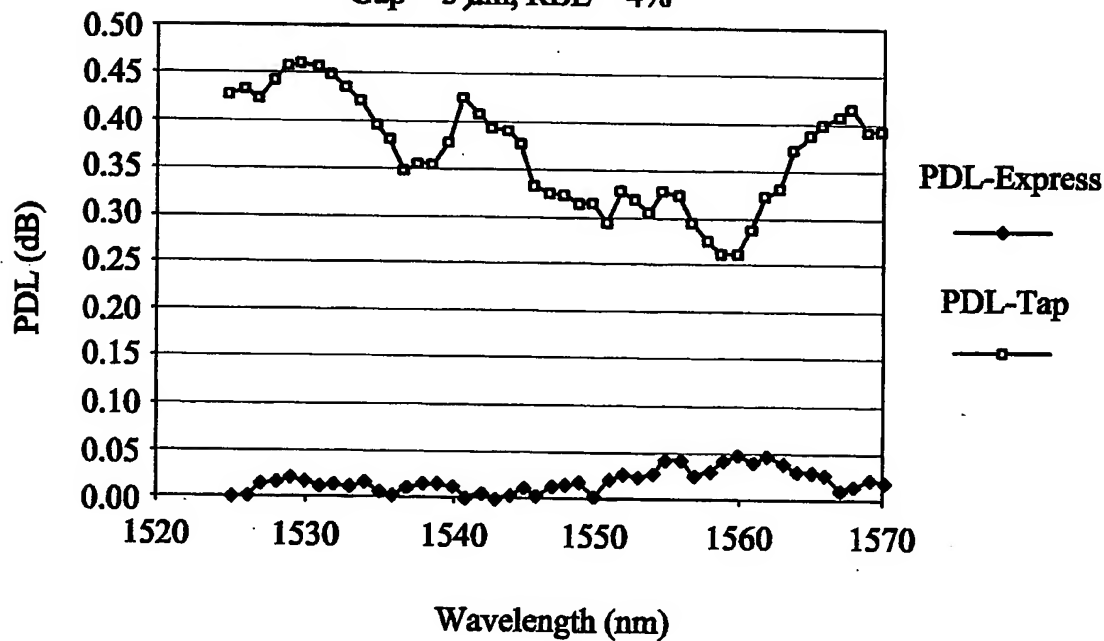
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PDL versus Wavelength for a 4% PINC-TMI Coupler

RBE = 0.4%

**FIG. 9**

PDL versus Wavelength for a 4% WINC Coupler

Gap = 3 μ m, RBE = 4%**FIG. 10**

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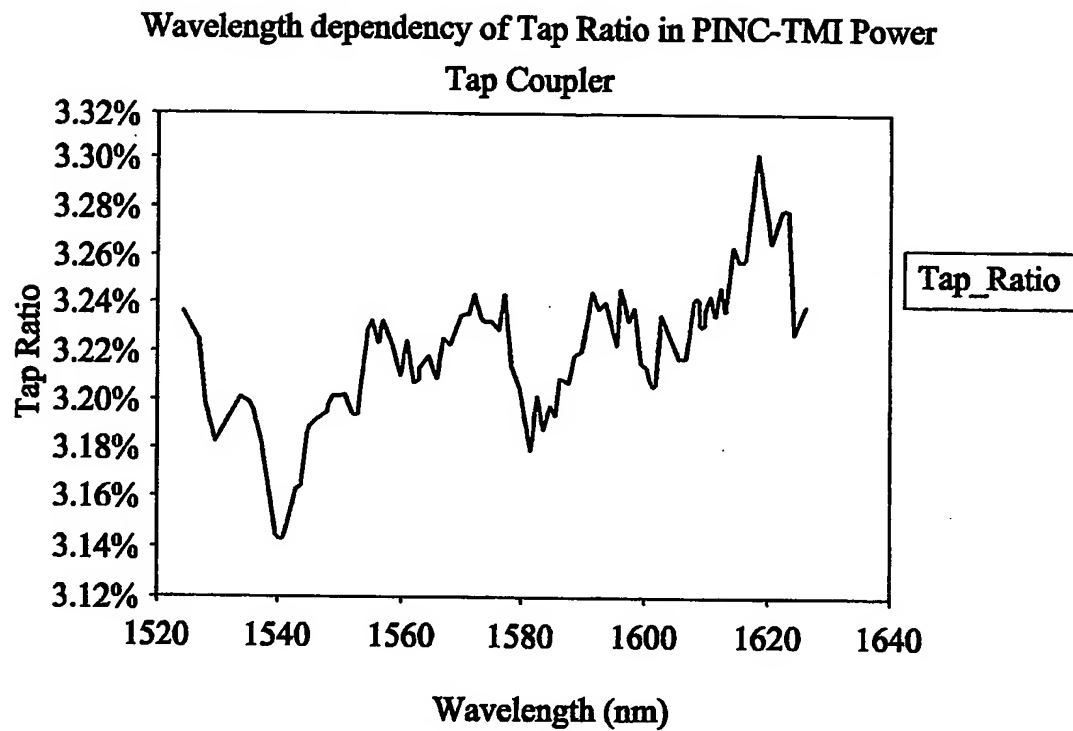


FIG. 11

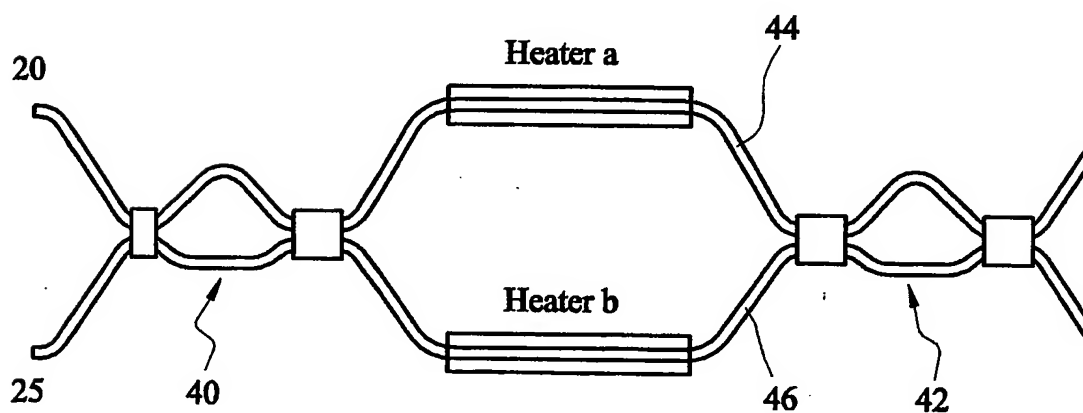
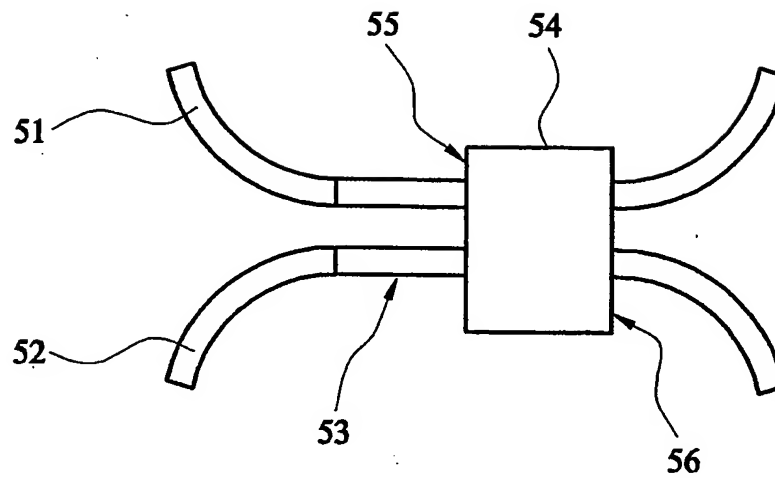
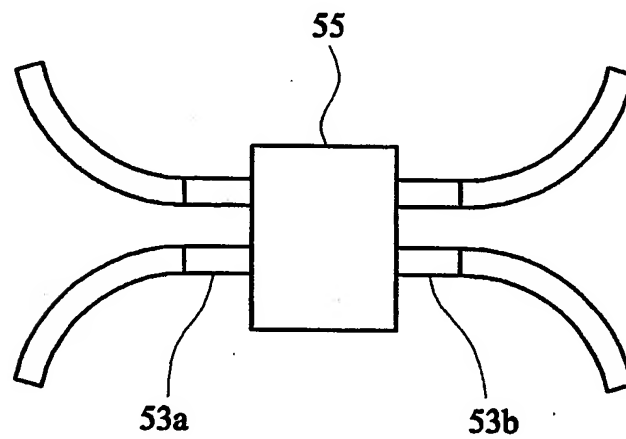
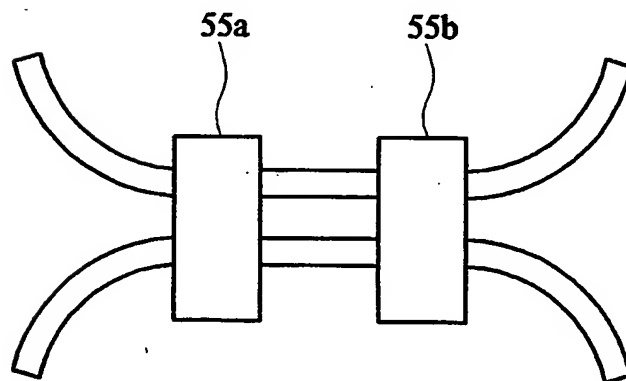


FIG. 13

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FIG. 12(a)FIG. 12(b)FIG. 12(c)